

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-7 (canceled).

Claim 8 (previously presented): A wireless communications network for communicating a data payload, the data payload comprised of data packets, each of the data packets of format for communication over the network, the data payload includes a distinct data type element, the distinct data type element is one of a plurality of data type elements to be sequentially communicated over the network, comprising:

a wired network;

a wireless channel;

a server computer connected to the wired network;

a wireless packetized data communications provider equipment connected to the wired network;

a client device communicatively connected via the wireless channel to the wireless packetized data communications provider; and

a unique global sequence number identifying the data payload, the unique global sequence number being assigned by the server computer to the data payload and included by the server computer in at least one data packet comprising the data payload;

wherein the data payload is communicated on the wireless channel, together with the unique global sequence number as part of the data payload;

the data payload including a header, the data payload is one of a plurality of data payloads having respective headers for communication over the network, further

comprising a compressor for compressing together the header of the data payload with other headers of the other data payloads for communication.

Claim 9 (original): The wireless communications network of claim 8, wherein the compressor is the server computer.

Claim 10 (previously presented): A wireless communications network for communicating a data payload, the data payload comprised of data packets, each of the data packets of format for communication over the network, the data payload includes a distinct data type element, the distinct data type element is one of a plurality of data type elements to be sequentially communicated over the network, comprising:

- a wired network;

- a wireless channel;

- a server computer connected to the wired network;

- a wireless packetized data communications provider equipment connected to the wired network;

- a client device communicatively connected via the wireless channel to the wireless packetized data communications provider; and

- a unique global sequence number identifying the data payload, the unique global sequence number being assigned by the server computer to the data payload and included by the server computer in at least one data packet comprising the data payload;

- wherein the data payload is communicated on the wireless channel, together with the unique global sequence number as part of the data payload;

- the data payload being one of a plurality of data payloads communicated over the

network to the client device by the server computer, further comprising a comparator for determining whether a time differential between receipts by the client device of every other sequential one of the data payloads exceeds a time constant indicative of an effective data receipt rate of the client device.

Claim 11 (original): The wireless communications network of claim 10, wherein the comparator is selected from a group consisting of: a software and a hardware at the client device.

Claim 12-14 (canceled).

Claim 15 (previously presented): A wireless communications network for communicating a data payload, the data payload comprised of data packets, each of the data packets of format for communication over the network, the data payload includes a distinct data type element, the distinct data type element is one of a plurality of data type elements to be sequentially communicated over the network, comprising:

- a wired network;

- a wireless channel;

- a server computer connected to the wired network;

- a wireless packetized data communications provider equipment connected to the wired network;

- a client device communicatively connected via the wireless channel to the wireless packetized data communications provider;

- a unique global sequence number identifying the data payload, the unique global

sequence number being assigned by the server computer to the data payload and included by the server computer in at least one data packet comprising the data payload;

wherein the data payload is communicated on the wireless channel, together with the unique global sequence number as part of the data payload; and

a bundling rate determiner at the client device, wherein an outstanding number of bytes not yet received by the client device is divided by an effective data receipt rate of the client device, and the server computer adjusts a send rate of the server computer based on a multiple of the result of the division.

Claims 16 (canceled).

Claim 17 (previously presented): A method of wireless communications of a data payload of a plurality of data payloads for communication, the data payload includes data packets of format for communication over the network, the data payload includes a distinct data type element, the distinct data type element is one of a plurality of data type elements to be sequentially communicated over the network, comprising the step of:

assigning the data payload a unique global sequence number;

including the unique global sequence number in at least one data packet comprising the data payload;

transmitting the data payload together with the unique global sequence number;

receiving a next successive one of the data payloads;

determining a time differential between receipts of the next successive one; and

comparing the time differential to a multiple of a server transmit rate;

wherein if the time differential exceeds the multiple then a payload loss is assumed occurring on a wireless portion of a network and otherwise on a wired portion of the network.

Claim 18-20 (canceled).